



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Organization of:

***HUMANETICS INNOVATIVE SOLUTIONS JAPAN
NAGOYA TECHNICAL CENTER
93 Terano-Motomachi Kiyosu, Aichi 452-0908***

*and hereby declares that the Organization is accredited in accordance with
the recognized International Standard:*

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

***Mechanical Testing
(As detailed in the supplement)***

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope.

This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen
President

Initial Accreditation Date:
January 17, 2022

Issue Date:
February 24, 2026

Expiration Date:
March 31, 2028

Accreditation No.:
94011

Certificate No.:
L26-183

Perry Johnson Laboratory Accreditation, Inc. (PJLA)
755 West Big Beaver Road, Suite 1325, Troy, Michigan 48084

*The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle.
The validity of this certificate should be confirmed through the PJLA website: www.pjlabs.com*



Certificate of Accreditation: Supplement

HUMANETICS INNOVATIVE SOLUTIONS JAPAN NAGOYA TECHNICAL CENTER

93 Terano-Motomachi Kiyosu, Aichi 452-0908
Contact Name: Takuya Iwamura Phone: 052-401-7501

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Mechanical	Anthropomorphic Test Devices ATD (including impactors)	Head Drop Test Stand (TS-1)	<p>“Procedure for Head Drop Test (TS-1) CL-PR-10039N(J)”</p> <p>On the basis of: 49 CFR Including, but not limited to, the related documents mentioned above</p>	<p>Accelerometer Data Acquisition System (DAS)</p> <p>Resultant Acceleration (g) 0 to 300 Lateral Acceleration (g) -20 to 20 Unimodal Oscillation (%) 0 to 17 Temperature (°C) 18 to 26 Humidity (%) 10 to 70</p>	F1, F4	F
Mechanical	Anthropomorphic Test Devices ATD (including impactors)	Neck Pendulum Test Stand (TS-2)	<p>“Procedure for Neck, Lumbar Spine Pendulum Impact Test (TS-2) CL-PR-10040N(J)”</p> <p>On the basis of: 49 CFR Including, but not limited to, the related documents mentioned above</p>	<p>Accelerometer Goniometer Load meter Angular rate Data Acquisition System (DAS)</p> <p>Velocity (m/s) 2.40 to 7.77 Acceleration (g) 0 to 30.0 Rotation (deg) 27.0 to 114.0 Force (N) 774.0 to 3210.0 Angular Velocity (deg/s) 1226.0 to 2267.0 Temperature (°C) 18 to 26 Humidity (%) 10 to 70</p>	F1, F4	F



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Mechanical	Anthropomorphic Test Devices ATD (including impactors)	Knee Impact Test Stand (TS-3)	<p>“Procedure for Knee Impact and Shearing Test (TS-3) CL-PR-10041N(J)”</p> <p>On the basis of: 49 CFR Including, but not limited to, the related documents mentioned above</p>	<p>Accelerometer Data Acquisition System (DAS)</p> <p>Velocity (m/s) 2.0 to 3.0 Force (N) 2.0 to 7.3 Temperature (°C) 18 to 26 Humidity (%) 10 to 70</p>	F1, F4	F
Mechanical	Anthropomorphic Test Devices ATD (including impactors)	Knee Slider Test Stand (TS-3)	<p>“Procedure for Knee Impact and Shearing Test (TS-3) CL-PR-10041N(J)”</p> <p>On the basis of: SAE J2856 Including, but not limited to, the related documents mentioned above</p>	<p>Load meter Displacement gauge Data Acquisition System (DAS)</p> <p>Velocity (m/s) 1.1 to 3.0 Displacement (mm) 9.3 to 22.2 Force (KN) 1.2 to 10.0 Unimodal Oscillation (%) 0 to 10 Temperature (°C) 18 to 26 Humidity (%) 10 to 70</p>	F1, F4	F



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Mechanical	Anthropomorphic Test Devices ATD (including impactors)	Thorax Impact Test Stand (TS-4)	<p>“Procedure for Thorax Impact Test (TS-4) CL-PR-10042N(J)”</p> <p>“Procedures for Thorax Impact Test – Body Type, and CG Measurement” (TS-4) CL-PR-10064N(J)</p> <p>On the basis of: 49 CFR Including, but not limited to, the related documents mentioned above</p>	<p>Accelerometer Displacement gauge Load meter Goniometer Measurement Stand CG Measurement Stand Ruler Tape measure T-square Balance Level Data Acquisition System (DAS)</p> <p>Velocity (m/s) 1.50 to 6.83 Displacement (mm) 0 to 91.3 Hysteresis (%) 0 to 85 Acceleration (g) 7.5 to 152 Force (kN) 0.65 to 11.1 Moment (Nm) -23.5 to 17.8 Rotation (deg) -41.0 to 15.1 Measurement (mm) 17.8 to 1155.7 CG Measurement (mm) 28.5 to 212.0 Weight (kg) 0.0 to 31.0 Temperature (°C) 18 to 26 Humidity (%) 10 to 70</p>	F1, F4	F



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Mechanical	Anthropomorphic Test Devices ATD (including impactors)	Torso Flexion Test Stand (TS-5)	<p>“Procedure for Torso Flexion Test (TS-5) CL-PR-10043N(J)”</p> <p>On the basis of: 49 CFR Including, but not limited to, the related documents mentioned above</p>	<p>Load meter Goniometer Data Acquisition System (DAS)</p> <p>Velocity (°/s) 0.5 to 1.5 Force (N) 90 to 550 Angle (°) 0 to 50 Temperature (°C) 18.9 to 25.6 Humidity (%) 10 to 70</p>	F1, F4	F
Mechanical	Anthropomorphic Test Devices ATD (including impactors)	Hip Calibration Test Stand (TS-6)	<p>“Procedure for H-ROM Test (TS-6) CL-PR-10044N(J)”</p> <p>On the basis of: 49 CFR Including, but not limited to, the related documents mentioned above</p>	<p>Load meter Goniometer Data Acquisition System (DAS)</p> <p>Velocity (°/s) 5.0 to 10.0 Angle (°) 0 to 50 Torque (Nm) 0 to 203 Temperature (°C) 18 to 26 Humidity (%) 10 to 70</p>	F1, F4	F
Mechanical	Anthropomorphic Test Devices ATD (including impactors)	EuroSID Thorax Certification Test Stand (TS-7)	<p>“Procedure for EuroSID Thorax Test (TS-7) CL-PR-10045N(J)”</p> <p>On the basis of: 49 CFR Including, but not limited to, the related documents mentioned above</p>	<p>Displacement gauge Data Acquisition System (DAS)</p> <p>Displacement (mm) 23.5 to 51.0 Temperature (°C) 18 to 26 Humidity (%) 10 to 70</p>	F1, F4	F



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Mechanical	Anthropomorphic Test Devices ATD (including impactors)	Q-Dummy Abdominal Compression Stand (TS-8)	<p>“Procedure for Q-Dummy Abdominal Compression Test (TS-8) CL-PR-10046N(J)”</p> <p>On the basis of: UN R129 Including, but not limited to, the related documents mentioned above</p>	<p>Dial gauge</p> <p>Deformation (mm) 6.0 to 17.0 Temperature (°C) 18 to 26 Humidity (%) 10 to 70</p>	F1, F4	F
Mechanical	Anthropomorphic Test Devices ATD (including impactors)	Foot Impact Test Stand (TS-9)	<p>“Procedure for Foot Impact Test (TS-9) CL-PR-10047N(J)”</p> <p>On the basis of: UN R94 Including, but not limited to, the related documents mentioned above</p>	<p>Accelerometer Load meter Goniometer Data Acquisition System (DAS)</p> <p>Velocity (m/s) 1.9 to 6.8 Force (kN) 0.4 to 3.8 Moment (Nm) 35.2 to 145.0 Acceleration (g) 245.0 to 345.0 Rotation (deg) 26.6 to 37.9 Temperature (°C) 18 to 26 Humidity (%) 10 to 70</p>	F1, F4	F
Mechanical	Anthropomorphic Test Devices ATD (including impactors)	FLEX ZERT Pendulum Test Stand (TS-10)	<p>“Procedure for FLEX ZERT Pendulum, Inverse Test (TS-10) (CL-PR-10048N(J)”</p> <p>On the basis of: UN R127 Including, but not limited to, the related documents mentioned above</p>	<p>Accelerometer Load meter Displacement gauge Data Acquisition System (DAS)</p> <p>Moment (Nm) 90.0 to 272.0 Displacement (mm) 0 to 24.0 Temperature (°C) 18 to 26 Humidity (%) 10 to 70</p>	F1, F4	F



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Mechanical	Anthropomorphic Test Devices ATD (including impactors)	FLEX ZERT Inverse Test Stand (TS-10)	<p>“Procedure for FLEX ZERT Pendulum, Inverse Test (TS-10) (CL-PR-10048N(J))”</p> <p>On the basis of: UN R127 Including, but not limited to, the related documents mentioned above</p>	<p>Accelerometer Load meter Displacement gauge Data Acquisition System (DAS)</p> <p>Velocity (m/s) 10.9 to 11.3 Moment (Nm) 63.0 to 334.0 Displacement (mm) 0 to 21.0 Temperature (°C) 18 to 26 Humidity (%) 10 to 70</p>	F1, F4	F
Mechanical	Anthropomorphic Test Devices ATD (including impactors)	FLEX STATIC Test Stand (TS-11)	<p>“Procedure for FLEX STATIC Test (TS-11) (CL-PR-10054N(J))”</p> <p>On the basis of: UN R127 Including, but not limited to, the related documents mentioned above</p>	<p>FLEX Static Bending Tester STRAIN/BRIDGE Input Module Linear Potentiometer Load Cell Rotary Potentiometer String Potentiometer Strain Gauge</p> <p>Load Cell (N) 0 to 5000 Moment (Nm) 0 to 500 Linear Potentiometer (mm) 0 to 30 Strain Gauge (mV/V) 0 to 15 String Potentiometer (mm) 0 to 50 Rotary Potentiometer (deg) 0 to 30 Temperature (°C) 18 to 24 Humidity (%RH) 10 to 70</p>	F1, F4	F